

**IN THE DRAWINGS:**

FIG. 8 is amended. A replacement sheets for FIG. 8 is enclosed.

## REMARKS

The Office Action mailed August 12, 2005 has been reviewed and carefully considered. Claims 13-25 remain pending, the independent claims remaining 13 and 18. Claims 13-25 are amended. Reconsideration of the above-identified application, as amended and in view of the following remarks, is respectfully requested.

The drawings stand objected to under 37 CFR 1.83(a) as lacking every feature claimed.

Page 5 of the Office Action mentions that the term "configured" appears in the claims, and mentions "rotation."

Claim 13 states that the apparatus is "configured for . . . rotating said rotary body . . .," and FIG. 7 shows a circular arrow ② which represents rotation. The circular arrow ② appears also in FIG. 8. A rotatable structure is well-known to those of ordinary skill in the art pertaining to claim 13. See, e.g., U.S. Patent No. 4,543,549, listed in the accompanying information disclosure statement. "The applicant shall furnish a drawing where necessary for the understanding of the subject matter sought to be patented" 35 U.S.C. 113. Accordingly, the drawings need no amendment with regard to the "rotating" feature of claim 13.

The Office Action also mentions "operating/switching structure" in connection with the instant objection to the drawings.

FIG. 8 is amended to include the controlling computer 48, ports P and the switches 73, 74. The corresponding amendment is made to the specification. Disclosure of the controlling computer, the ports and switches is found in the specification (e.g., page 10,

lines 4-8, 13; page 12, lines 15-18) and FIG. 8. No new matter is added.

The specification stands objected to under 37 CFR 1.75(d)(1) for lack of antecedent basis for a claimed "gas feeder." Although, as set forth below, this objection lacks merit, any mention of a "gas feeder" has been withdrawn from the claims.

Claims 13-25 stand rejected under 35 U.S.C. 112, first paragraph, as failing to meet the written description requirement.

Claims 13-25 are amended for clarity.

The Office Action cites lack of support for the claimed "gas feeder," and cites to the immediately-previous final rejection for explanation. The present applicants, in response, cite to our 06/29/05 rebuttal of the final rejection. However, specific mention of a "gas feeder" has been removed from the claims.

The Office Action cites lack of support for rotation of a gas feed. In response, the claims are amended to be more specific.

The amendment of independent claim 13 finds support in the specification (e.g., page 7, lines 7-14 and 18-21; page 8, lines 12, 18-19; page 8, line 21 - page 9, line 7; page 10, lines 1-6; page 12, lines 9, 16; page 16, lines 10-11) and FIGs. 7 and 8.

The amendment of independent claim 18 finds support in the specification (e.g., page 7, lines 7-14 and 18-21; page 8, lines 12, 18-19; page 8, line 21 - page 9, line 7; page 10, lines 1-8; page 12, lines 9, 16-18) and FIGs. 7 and 8.

The amendment of claims 16, 17 and 21 find support in the specification (e.g., page 11, line 22 - page 12, line 1; page 12, lines 8-9) and FIG. 6.

The amendment of claim 23 finds support in the specification (e.g., page 7,

lines 18-21; page 10, lines 1-8).

The above-noted claim amendments are believed to remove proper basis for rejection under this ground.

Claims 13-25 stand rejected under 35 U.S.C. 112, second paragraph, as indefinite.

The Office Action, under this ground of rejection, mentions a "gas feeder." However, both lines 18-21 at page 7 and lines 15-18 of page 12, as well as other parts of the specification, disclose a gas feeder.

The above-noted claim amendments are believed to remove proper basis for rejection under this ground.

The specification stands objected to under 37 CFR 1.75(d)(1) and MPEP § 608.01(o) as failing to provide proper antecedent basis for claimed subject matter. The Office Action refers to "gas feeder," which is addressed above. The Office Action refers here to lack of antecedent basis in the claims, whereas the instant objection is to the specification. Accordingly, it is unclear what the Office Action is suggesting.

The response to arguments section also mentions the "gas feeder," which is addressed above.

Reconsideration and withdrawal of all rejections and objections is respectfully requested.

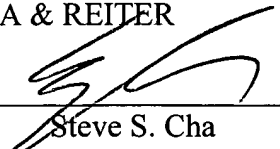
In view of the foregoing amendments and remarks, it is believed that this application is now in condition for allowance. The Examiner is invited to contact the undersigned in the event of any perceived outstanding issues so that passage of the case to

issue can be effected without the need for a further Office Action.

In the event that any additional fee is required to continue the prosecution of this Application as requested, please charge such fee to Deposit Account No. 502-470.

Respectfully submitted,

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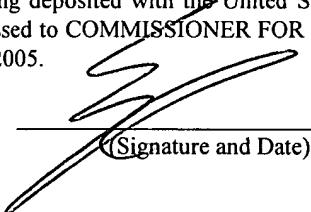
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